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AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY

ENROLLMENT REPORT ON GRADUATE DEGREE PROGRAMS IN PHARMACY, FALL 1982

by

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Introduction

The following report highlights the findings of the Enrollment Survey on Graduate Degree Programs conducted by the American Association of Colleges of Pharmacy in fall, 1982, and makes comparisons to the preceding year's data. Total enrollments (full- and part-time) in the 54 schools offering graduate study fell by 1.1% since 1981 to 2927 students. This decline equals the 1.1% national drop in graduate enrollments for the same period reported by the Graduate Record Examinations Board and the Council of Graduate Schools.

Looking at a twelve-year trend (Table 12) shows that enrollments had been generally increasing since 1970-71. In particular, there had been a yearly increase since 1977-78 until this year when a substantial decline is noted.

MS Full-Time Enrollment

Table I shows that full-time enrollments in M.S. programs dropped by 1.9% to 763 students. The overall decline is a reflection of gains, losses and stable enrollments in various disciplines. By discipline, pharmacy had the greatest gain, increasing from 196 to 216 students, followed by pharmacology with a gain of 4 students to an enrollment of 172. The biggest decline is seen in pharmaceutical chemistry, which fell from 160 to 140 students. The field of pharmacy administration dropped from 73 to 59 students, and hospital pharmacy declined to 149 from 153 students. Pharmacognosy remained stable at 28 students.

Ph.D. Full-Time Students

In contrast to full-time enrollments in M.S. degree programs, schools have experienced growth in their doctoral (Ph.D.) programs. Total enrollments in doctoral programs for fall, 1982, increased 5.3% to 1323. Interestingly, the 8.8% increase in women doctoral students outpaced the total Ph.D. enrollment increase.

Overall, most academic disciplines gained students, with only two experiencing slight declines. The enrollment gains range from 3.1% in pharmaceutical chemistry to 29.8% in pharmacy administration. Within this wide range, pharmacognosy and pharmacy increased by 10.4% and 9.0%, respectively. Decreases in enrollments are noted in pharmacology (-13 students) and hospital pharmacy (-1 student).

Part-Time M.S. and Ph.D. Enrollments

Unlike the general increase in full-time graduate school enrollments, Table 6 shows that 9.2% fewer part-time students are enrolled this year . In fall, 1981, 926 part-time students were enrolled in graduate schools compared to 841 this year. This overall decline consists of 88 fewer part-time M.S. students but 3 more doctoral students.

All disciplines experienced fewer students than last year. The discipline specific data indicate the enrollment drops are: hospital pharmacy -- 24.3%; pharmacognosy -- 11.1%; pharmaceutical chemistry -- 11.0%; pharmacology -- 9.0%; pharmacy administration -- 2.9%, and pharmacy -- 1.8%.

Female Enrollment

Women enrolled in M.S. programs declined both in absolute numbers and as a percentage of the student population. The total number of women dropped by 2.6% to 296 from 304. Even though the total female student population declined by 2.6%, women as a percentage of the full-time graduate student body dropped by only 0.3% to 38.0%.

The number of women in the academic disciplines followed the general enrollment pattern of gains, losses and stability. Two of the graduate areas experienced increased female enrollments: pharmacy -- 11.1% and hospital pharmacy -- 8.9%. Three graduate areas experienced losses with the greatest loss, 21.7%, in pharmaceutical chemistry. Pharmacy administration and pharmacology enrolled 8.0% and 5.7% fewer students, respectively. The number of female students in pharmacognosy remained steady at 12.

Total female doctoral students increased by three students to 185. Within each discipline the number of women increased in five and declined in one. By discipline, increases are noted in: pharmacy administration -- 50.0%; pharmacognosy -- 25.0%; pharmaceutical chemistry -- 9.0%; pharmacology -- 8.8%, and pharmacy -- 3.8%. The only field to lose women students is hospital pharmacy, which declined by one student.

Minority Enrollment

American minority students in M.S. programs increased this year from 43 to 50 students. All but one minority group increased its representation in graduate pharmacy programs. Specifically, the increases were: Blacks -- 5 students; Hispanics -- 3 students; and Other Minority -- 1 student. Asian American was the only group reflecting a loss of two students, to 13. Interestingly, the number of foreign students remained steady at 258.

American minority students in doctoral programs increased slightly from 70 to 77. The number of Black students and Other Minorities increased by five and two students, respectively. The number of students in the remaining three categories of minorities -- Hispanics, Indians and Asians -- remained at last year's levels. The biggest increase is in the number of foreign students. During the 1981-82 academic year, 374 foreign graduate students were enrolled. This total increased by 10.2% to 411 students.

Geographic Distribution

Compared to fall, 1981, more students are attending graduate schools outside of their own states. In 1981, 827 students were enrolled in schools in their home states. This number dropped to 763 students in the current academic year. The five schools with the greatest number of students from their own state are: UCSF -- 39 students; Purdue -- 32

students; Florida -- 33 students; Arizona and Rutgers -- 30 students each. The five schools attracting the most out-of-state students are: Connecticut -- 60 students; Purdue -- 59 students; Minnesota -- 36 students; Ohio State -- 29 students, and North Carolina -- 24 students.

Five-Year Trend

A five-year analysis of total full- and part-time enrollment figures shows that graduate schools are currently educating 10.4% more students than in 1977-78. The majority of this increase is the 14.9% growth in full-time compared to the 0.7% increase in part-time students. The 14.9% increase in full-time enrollments is composed of a substantial increase in Ph.D. students of 31.0%, and a 5.3% decline in the number of M.S. students.

Female enrollments in graduate school have jumped by 48.2% during the last five years. The biggest portion of this increase is the 83.3% climb in the number of female doctoral students. The number of women enrolled in M.S. programs has increased by almost 30% since 1977-78.As a percentage of the full-time graduate student body, women now account for 38.8% of all M.S. and 28.9% of all doctoral students. Compared to the 1977-78 academic year, women have increased by slightly over 10% and 8% in the M.S. and doctoral programs, respectively.

Full-time minority enrollment has experienced a slight increase since 1977-78. Five years ago minority students comprised 4.9% of all full-time students compared to 6.1% today. The majority of this growth is reflected by the 1.8% climb in minority enrollment in doctoral programs. By graduate degree, minorities comprise 6.6% of full-time M.S. and 5.8% of full-time doctoral students.

Foreign students have also made gains during the last five years. Currently they account for 32.1% of all full-time graduate students, a 4.5% increase since 1977-78. By degree, foreign students are now 33.8% of full-time M.S. and 31.1% of full-time doctoral students. Their biggest gain has been the 41.7% increase in the number of doctoral students, compared to a 21.7% increase in the number of M.S. students.

A special note of appreciation is extended to Ms. Mary Bassler and the participating schools for their efforts.

Figure 1: Definitions of Discipline Categories

Pharmacy includes: pharmaceutics, industrial pharmacy, clinical pharmacy, drug information.

Pharmaceutical Chemistry includes: clinical chemistry, radiopharmacy, bionucleonics, medicinal chemistry, radiological health.

Pharmacognosy includes: molecular and quantum biology, microbiology.

Pharmacology includes: biochemical pharmacology, toxicology, neuropharmacology, psychopharmacology, cardiovascular pharmacology, autonomic pharmacology.

Pharmacy Administration includes: hospital pharmacy administration, history of pharmacy, social studies of pharmacy.

Hospital Pharmacy includes: hospital pharmacy only.

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TABLE I: FALL 1982 FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS [a,b]

Schools & Colleges by State	Pharm. M	Pharm. F	PhChem. M	PhChem. F	Phcog. M	Phcog. F	Phcol. M	Phcol. F	PhAdm. M	PhAdm. F	Hosp.Ph. M	Hosp.Ph. F	Totals M	Totals F	GRAND TOTAL
Auburn U.	2	0	1	0	0	0	1	1	1	0	0	0	5	1	6
								(1)						(1)	(1)
Arizona, U. of	6	5	1	2	0	0	11	9	1	0	2	0	21	16	37
Arkansas, U. of	0	0	2	0	0	0	0	0	0	0	3	2	5	2	7
Pacific, U. of	5	2	2	0	0	0	1	1	0	0	0	0	8	3	11
Southern California, U. of	0	2	1	3	0	0	0	0	0	0	0	0	1	5	6
			(6)	(5)									(6)	(5)	(11)
Colorado, U. of	2	0	2	0	0	0	3	1	1	1	2	0	10	2	12
Connecticut, U. of	2	5	0	0	1	1	3	1	1	0	0	0	7	7	14
Florida A&M U.	0	0	0	0	0	0	11	4	0	0	0	0	11	4	15
Florida, U. of	0	1	0	1	0	0	0	0	0	0	4	4	4	6	10
Georgia, U. of	8	2	3	4	0	0	5	2	2	1	0	0	18	9	27
Idaho State U.	0	0	0	0	1	1	3	3	0	0	0	0	4	4	8
Illinois, U. of	2	0	0	0	0	1	0	0	1	0	0	0	3	1	4
	(2)				(1)	(1)			(1)	(1)			(4)	(2)	(6)
Butler U.	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Purdue U.	3	1	5	5	0	0	4	2	0	0	0	0	12	8	20
Iowa, U. of	1	2	3	0	0	0	0	0	1	0	6	4	11	6	17
Kansas, U. of	3	0	0	0	0	0	0	0	0	0	6	5	9	5	14
Kentucky, U. of	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Northeast Louisiana U.	1	1	0	0	0	0	0	1	0	0	1	0	2	2	4
Maryland, U. of	3	0	0	0	1	0	4	3	0	0	2	2	10	5	15
Massachusetts Coll. of Pharmacy	10	10	6	1	1	0	0	3	0	0	0	1	17	15	32
Northeastern U.	0	0	4	3	0	1	4	2	0	0	1	2	9	8	17
Michigan, U. of	3	0	3	4	1	0	0	0	0	0	0	0	7	4	11
Wayne State U.	1	1	2	0	0	0	0	0	1	2	1	0	5	3	8
Minnesota, U. of	0	1	0	0	2	2	0	0	4	3	7	7	13	13	26
Mississippi, U. of	4	0	1	2	0	1	1	2	8	9	0	0	14	14	28
Missouri-KC, U. of	3	1	2	1	0	0	2	0	1	0	0	0	8	2	10
Montana, U. of	0	0	0	0	0	0	1	1	0	0	0	0	1	1	2
Nebraska, U. of	0	0	2	0	0	0	2	3	0	0	0	0	4	3	7
Rutgers U.	0	1	1	0	0	0	1	2	0	0	0	0	2	3	5
Arnold & Marie Schwartz, LIU	11	9	0	0	0	0	0	0	3	0	0	0	14	9	23
St. John's U.	2	6	1	0	0	0	6	5	1	0	0	0	10	11	21

State U. of N.Y. at Buffalo	(1)	0	(1)	(1)	0	0	0	0	0	0	0	0	2	1	3
North Carolina, U. of	4	2	2	1	0	0	0	0	0	1	10	7	16	11	27
North Dakota State U.	3	0	0	0	0	0	2	0	0	0	2	0	7	0	7
Ohio State U.	6	1	0	0	0	2	0	1	6	2	11	5	23	11	34
Cincinnati, U. of	5	2	0	1	0	0	0	0	0	0	0	0	5	3	8
Toledo, U. of	1	1	0	1	2	1	2	2	0	0	10	6	15	11	26
Oklahoma, U. of	4	1	3	1	0	0	3	1	0	0	1	0	11	3	14
Oregon State U.	0	2	2	1	0	0	3	1	0	0	5	3	10	7	17
Duquesne U.	0	0	2	1	0	0	2	6	0	0	0	0	4	7	11
Philadelphia Coll. of Pharmacy	7	3	0	2	2	0	4	2	0	0	0	0	13	7	20
			(2)	(2)			(3)						(5)	(2)	(7)
Temple U.	1	3	10	3	0	0	9	0	0	0	1	0	21	6	27
Pittsburgh, U. of	3	2	0	0	0	0	0	0	0	0	0	0	3	2	5
Rhode Island, U. of	6	1	2	3	2	1	7	1	0	0	0	0	17	6	23
South Carolina, U. of	1	0	0	0	0	0	1	1	1	0	0	1	3	2	5
Tennessee, U. of	(3)	(1)	0	0	(1)	0	0	0	0	0	0	0	(4)	(1)	(5)
Houston, U. of	(8)	(4)	(9)	(1)	0	0	0	(1)	0	0	(5)	(6)	(22)	(12)	(34)
Texas at Austin, U. of	3	3	0	4	0	0	3	2	1	1	0	0	7	10	17
Utah, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Virginia Commonwealth U.	3	0	1	0	0	0	0	0	0	1	0	0	4	1	5
Washington, U. of	1	1	1	0	0	0	0	0	0	0	0	0	2	1	3
Washington State U.	0	1	1	0	1	0	2	1	0	0	0	0	4	2	6
West Virginia U.	1	2	1	1	0	0	0	0	1	1	0	0	3	4	7
Wisconsin, U. of	1	0	0	0	0	0	0	0	0	0	6	5	7	5	12
TOTALS	136	80	86	54	16	12	106	66	36	23	88	61	467	296	763

[a] The areas included in each general category are listed in Figure 1.

[b] Figures enclosed in parentheses represent students in a pharmaceutical sciences program offered by a department of the parent institution other than its college of pharmacy.

TABLE IIA: FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Pacific, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Colorado, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	4	2	4	2	6
Florida, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	4	2	4	2	6
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	(2)	0	(2)	0	(2)
Purdue U.	1	0	0	0	0	0	0	0	0	0	1	1	2	1	3
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Massachusetts Coll. of Pharm.	0	0	0	3	0	0	0	0	0	0	6	5	6	8	14
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Wayne State U.	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Missouri-KC, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Arnold & Marie Schwartz, LIU	0	0	0	0	0	0	0	2	0	0	10	3	10	5	15
St. John's U.	0	0	0	0	0	0	0	0	0	0	2	4	2	4	6
State U. of New York	0	0	(1)	0	0	0	0	0	0	0	0	0	(1)	0	(1)
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
North Dakota State	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Ohio State U.	0	0	0	0	0	0	0	0	0	0	6	1	6	1	7

Cincinnati, U. of	1	0	0	0	0	0	0	0	0	0	3	2	4	2	6
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Oklahoma, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Oregon State U.[b]	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	1	0	0	3		3	1	4
Temple U.	0	0	0	0	0	0	0	0	0	0	1	3	1	3	4
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
South Carolina, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Houston, U. of	0	0	0	0	0	0	(1)	0	0	0	(6)	(4)	(7)	(4)	(11)
Texas at Austin, U. of	0	0	0	0	0	0	0	0	0	0	2	3	2	3	5
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Washington, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Washington State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
West Virginia U.	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Wisconsin-Madison, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
TOTALS	2	0	1	3	0	0	1	3	0	0	87	49	91	55	146

b No minority breakdown except "foreign student" given by these schools.

TABLE IIB: FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACEUTICAL CHEMISTRY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Arizona, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Pacific U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Southern California, U. of	(1)	0	0	0	0	0	0	(2)	0	(1)	(4)	(2)	(5)	(5)	(10)
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Purdue U.	0	0	0	1	0	0	1	0	0	0	1	2	2	3	5
Iowa, U. of	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	3	3	3	3	6
Wayne State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
St. John's U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
State U. of NY at Buffalo	0	0	0	(1)	0	0	0	0	0	0	0	0	0	(1)	(1)
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Oklahoma, U. of	0	0	0	0	0	0	0	1	0	0	2	0	2	1	3
Oregon State U.[b]	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Duquesne U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	(1)	1	(1)	1	2
Temple U.	1	1	0	0	0	0	0	0	0	0	0	1	1	2	3
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	2	2	2	2	4
Houston U.	(1)	0	0	0	0	0	0	0	0	0	0	(8)	(1)	(8)	(9)
Texas at Austin, U. of	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
Washington State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
West Virginia U.	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
TOTALS	3	1	1	2	0	0	1	3	0	1	33	29	38	36	74

[b]No minority breakdown except "foreign student" given by this school.

TABLE IIC: FALL 1982 MINORITY ENROLLMENTS IN MASTERS PROGRAMS

PHARMACOGNOSY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Illinois, U. of	0	0	0	0	0	0	0	1	0	0	0	(1)	0	2	2
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	1		1	0	1
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Ohio State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Washington State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
TOTALS	0	0	0	0	0	0	0	1	0	0	7	6	7	7	14

[b] No minority breakdown except 'foreign student" given by this school.

TABLE IID: FALL 1982 MINORITY ENROLLMENTS IN MASTERS PROGRAMS

PHARMACOLOGY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Arizona, U. of	0	0	0	0	0	0	0	0	1	0	1	1	2	1	3
Connecticut, U. of	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Florida, U. of	8	3	0	0	0	0	0	0	0	0	2	0	10	3	13
Georgia, U. of	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2
Idaho State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Purdue U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Massachusetts Coll. of Pharm.	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Northeastern U. [b]	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Missouri-KC, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Montana, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Nebraska, U. of	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3
St. John's U.	1	0	0	0	0	0	0	0	0	0	2	2	3	2	5
North Dakota State	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Ohio State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Oregon State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
South Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Houston, U. of	0	0	0	0	0	0	0	0	0	0	0	(1)	0	(1)	(1)
Texas at Austin, U. of	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2
Washington State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
TOTALS	11	4	0	0	0	0	0	1	1	1	17	14	29	20	49

[b] No minority breakdown except "foreign student" given by this school.

TABLE IIE: FALL 1982 MINORITY ENROLLMENTS IN MASTERS PROGRAMS

PHARMACY ADMINISTRATION

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Wayne State U.	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Mississippi, U. of	2	0	0	1	0	0	0	0	0	0	0	0	2	1	3
Arnold & Marie Schwartz, LIU	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
St. John's U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
TOTALS	2	0	0	1	0	0	0	1	0	0	5	3	7	5	12

TABLE IIF: FALL 1982 MINORITY ENROLLMENTS IN MASTERS PROGRAMS

HOSPITAL PHARMACY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Kansas, U. of	0	0	0	1	0	0	0	0	0	0	1	0	1	1	2
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Minnesota, U. of	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Ohio State U.	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
South Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Houston, U. of	0	(1)	0	0	0	0	0	0	0	(1)	0	0	0	(2)	(2)
TOTALS	0	1	0	1	0	0	1	1	0	1	4	4	5	8	13

[b] No minority breakdown except "foreign student" given by this school.

TABLE IIG: FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

SUMMARY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Pharmacy	2	0	1	3	0	0	1	3	0	0	87	49	91	55	146
Pharm.Chem.	3	1	1	2	0	0	1	3	0	1	33	29	38	36	74
Pharmacology	11	4	0	0	0	0	0	1	1	1	17	14	29	20	49
Pharmacognosy	0	0	0	0	0	0	0	1	0	0	7	6	7	7	14
Pharmacy Administration	2	0	0	1	0	0	0	1	0	0	5	3	7	5	12
Hospital Pharmacy	0	1	0	1	0	0	1	1	0	1	4	4	5	8	13
TOTALS	18	6	2	7	0	0	3	10	1	3	153	105	177	131	308

TABLE III: FALL 1982 FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS [a,b]

Schools & Colleges by State	Pharm. M	Pharm. F	PhChem. M	PhChem. F	Phcog. M	Phcog. F	Phcol. M	Phcol. F	PhAdm. M	PhAdm. F	Hosp.Ph. M	Hosp.Ph. F	Totals M	Totals F	GRAND TOTAL
Auburn U.	1	1	1	0	0	0	0	0	0	0	0	0	2	1	3
				(1)										(1)	(1)
Arizona, U. of	5	0	5	1	0	0	1	0	3	1	0	0	14	2	16
California, U. of	13	7	35	15	0	0	0	0	0	0	0	0	48	22	70
Pacific, U. of	3	1	2	1	0	0	1	1	0	0	0	0	6	3	9
Southern California, U. of	7	2	10	5	0	0	2	1	1	0	0	0	20	8	28
Colorado, U. of	0	0	2	0	0	0	4	0	1	1	0	0	7	1	8
Connecticut, U. of	20	10	9	5	6	1	15	12	0	0	0	0	50	28	78
Florida, U. of	14	5	9	4	0	0	0	0	3	1	0	0	26	10	36
Georgia, U. of	5	2	4	1	0	0	1	3	0	0	0	0	10	6	16
Illinois, U. of	6	2	0	0	8	2	0	0	1	1	0	0	15	5	20
	(1)	(2)	(18)	(9)	(2)	(1)							(21)	(12)	(33)
Purdue U.	21	12	32	14	0	0	12	4	0	1	0	0	65	31	96
Iowa, U. of	22	8	13	2	0	0	0	0	3	0	0	0	38	10	48
Kansas, U. of	26	12	29	5	0	0	17	7	0	0	1	0	73	24	97
Kentucky, U. of	23	7	11	2	0	0	1	2	0	0	0	0	35	11	46
Northeast Louisiana U.	3	1	2	1	0	0	4	1	2	1	0	0	11	4	15
Maryland, U. of	3	2	1	0	1	1	5	5	0	0	0	0	10	8	18
Massachusetts Coll. of Pharmacy	1	0	0	1	1	0	0	1	0	0	0	0	2	2	4
Northeastern U.	0	0	12	4	0	0	9	3	0	0	0	0	21	7	28
Michigan, U. of	7	5	18	9	1	1	0	0	0	0	0	0	26	15	41
Wayne State U.	2	0	0	0	0	0	1	1	0	0	0	0	3	1	4
Minnesota, U. of	12	4	15	8	4	0	0	0	15	7	0	0	46	19	65
Mississippi, U. of	2	1	2	0	2	1	2	1	6	2	0	0	14	5	19
Missouri-KC, U. of	1	0	1	0	0	0	2	2	1	0	0	0	5	2	7
Nebraska, U. of	4	3	5	0	0	0	2	0	0	0	0	0	11	3	14
Rutgers U.	10	1	1	1	6	1	5	7	0	0	0	0	22	10	32

St. John's U.	3	1	0	0	0	0	0	2	0	0	0	0	3	3	6
State U. of N.Y. at Buffalo	(17)	(4)	(16)	(1)	0	0	(9)	(1)	0	0	0	0	(42)	(6)	(48)
North Carolina, U. of	7	1	7	1	0	0	0	0	1	0	0	0	15	2	17
North Dakota State U.	2	0	0	0	0	0	1	0	0	0	0	0	3	0	3
Ohio State U.	7	6	15	6	4	3	8	4	0	0	0	0	34	19	53
Cincinnati, U. of	6	0	0	0	0	0	1	0	0	0	0	0	7	0	7
Oklahoma, U. of	0	1	1	0	0	0	5	1	0	0	0	0	6	2	8
Oregon State U.	2	1	1	3	1	0	2	1	0	0	1	0	7	5	12
Philadelphia Coll. of Pharmacy	1	3	2	1	1	0	2	2	0	0	0	0	6	6	12
Temple U.	3	0	1	1	0	0	3	1	0	0	0	0	7	2	9
Pittsburgh, U. of	3	2	5	2	7	3	8	5	0	0	0	0	23	12	35
Rhode Island, U. of	2	1	2	1	1	0	2	0	0	0	0	0	7	2	9
South Carolina, U. of	0	0	1	0	0	0	1	0	1	1	0	0	3	1	4
Tennessee, U. of	(2)	0	(2)	0	0	(2)	(8)	(4)	0	0	0	0	(12)	(6)	(18)
Houston, U. of	(4)	0	0	0	0	0	(6)	(2)	0	0	0	0	(10)	(2)	(12)
Texas at Austin, U. of	7	2	4	1	0	0	7	2	2	1	0	0	20	6	26
Utah, U. of	12	3	3	3	0	0	2	4	0	0	0	0	17	10	27
Virginia Commonwealth U.	4	2	8	5	0	0	0	0	0	0	0	0	12	7	19
Washington, U. of	8	9	18	4	1	0	0	0	0	0	0	0	27	13	40
Washington State U.	5	1	2	0	2	1	5	2	0	0	0	0	14	4	18
West Virginia U.	6	1	1	1	0	0	0	0	0	0	0	0	7	2	9
Wisconsin, U. of	24	11	12	2	6	3	12	5	3	1	0	0	57	22	79
TOTALS	337	137	338	121	54	20	166	87	43	18	2	0	940	383	1323

[a] The areas included in each general category are listed in Figure 1.

[b] Figures enclosed in parentheses represent students in a pharmaceutical sciences program offered by a department of the parent institution other than its college of pharmacy.

TABLE IVA:FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN Ph.D. PROGRAMS[a]

PHARMACY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	0	(1)	0	(1)	(1)
	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
California, U. of	0	0	0	0	0	0	0	1	0	0	1	1	1	2	3
Pacific, U. of the	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Southern California, U. of	0	0	0	0	0	0	0	1	0	0	4	0	4	1	5
Colorado, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut, U. of	0	0	0	0	0	0	2	0	0	0	9	4	11	4	15
Florida, U. of	0	0	1	0	0	0	0	0	0	0	3	3	4	3	7
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	4	2	4	2	6
Illinois, U. of	0	0	0	0	0	0	0	(1)	0	0	(1)	(1)	(1)	(2)	(3)
	0	0	0	0	0	0	0	0	0	0	5	2	5	2	7
Purdue U.	1	0	1	2	0	0	0	0	0	0	2	3	4	5	9
Iowa, U. of	0	0	0	0	0	0	0	1	0	0	11	1	11	2	13
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	13	5	13	5	18
Kentucky, U. of	1	0	0	0	0	0	0	1	0	0	12	3	13	4	17
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Maryland, U. of	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2
Massachusetts Coll.of Pharm.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan, U. of	0	0	0	0	0	0	1	0	3	0	3	5	7	5	12
Wayne State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	8	4	8	4	12

Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri-Kansas City U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Rutgers, U.	0	0	0	0	0	0	6	0	0	0	1	1	7	1	8
St. John's U.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
State U. of N.Y. at Buffalo	0	0	0	0	0	0	(3)	0	0	0	(5)	(1)	(8)	(1)	(9)
North Carolina, U. of	0	1	0	0	0	0	0	0	0	0	1	0	1	1	2
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	0	0	0	0	0	0	0	0	0	0	5	3	5	3	8
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Oklahoma, U. of[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	3	2	3	2	5
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Tennessee, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Houston, U. of	0	0	0	0	0	0	(1)	0	0	0	(1)	0	(2)	0	(2)
Texas at Austin, U. of	0	0	1	0	0	0	0	0	0	0	3	0	4	0	4
Utah, U. of	0	0	0	0	0	0	2	1	0	0	5	1	7	2	9
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Washington, U. of	0	0	0	0	0	0	1	0	0	0	1	1	2	1	3
Washington State U.	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4
West Virginia U.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Wisconsin-Madison, U. of	0	0	0	1	0	0	0	0	0	0	8	6	8	7	15
TOTALS	2	1	3	3	0	0	16	7	3	0	139	57	163	68	231

[a]The areas included in each general category are listed in Figure 1.

[b]No minority breakdown except "foreign student" given by these schools.

TABLE IVB:FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN Ph.D. PROGRAMS[a]

PHARMACEUTICAL CHEMISTRY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California, U. of	0	0	1	0	0	0	3	0	0	0	6	4	10	4	14
Pacific, U. of the	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Southern California, U. of	0	0	0	0	0	0	0	1	0	0	3	2	3	3	6
Colorado, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Florida, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Illinois, U. of	0	0	0	0	0	0	(1)	0	0	0	(3)	(6)	(4)	(6)	(10)
Purdue U.	0	0	1	1	0	0	0	1	0	0	5	5	6	7	13
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	8	3	8	3	11
Kentucky, U. of	1	0	0	0	0	0	0	0	0	0	7	1	8	1	9
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	3	2	3	2	5
Michigan, U. of	0	1	0	0	0	0	1	0	1	0	4	2	6	3	9
Wayne State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota, U. of	0	0	0	0	0	0	1	0	0	0	4	2	5	2	7
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri-Kansas City U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Rutgers U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

State U. of N.Y. at Buffalo	(1)	0	0	0	0	0	0	0	0	0	(4)	0	5	0	(5)
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	0	0	0	0	0	0	0	1	0	0	9	2	9	3	12
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State U.[b]	0	0	0	0	0	0	0	0	0	0	1	3	1	3	4
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Tennessee, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Houston, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin, U. of	0	0	1	0	0	0	0	0	0	0	3	0	4	0	4
Utah, U. of	0	0	0	0	0	0	0	1	0	0	1	1	1	2	3
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Washington, U. of	0	0	0	0	0	0	0	1	0	0	2	0	2	1	3
Washington State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin-Madison, U. of	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4
TOTALS	2	1	3	1	0	0	6	6	1	0	90	39	102	47	149

[a]The areas included in each general category are listed in Figure 1.

[b]No minority breakdown except "foreign student" given by these schools.

TABLE IVC: FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN Ph.D. PROGRAMS[a]

PHARMACOGNOSY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	(2)	(1)	(2)	(1)	(3)
	0	0	0	0	0	0	0	0	0	0	5	2	5	2	7
Purdue U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Wayne State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3

Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Missouri-Kansas City U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, U.	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
St. John's U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
State U. of N.Y. at Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State U.[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	7	3	7	3	10
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Tennessee, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Houston, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin-Madison, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
TOTALS	0	0	0	0	0	0	0	0	0	0	28	12	28	12	40

[a]The areas included in each general category are listed in Figure 1.

[b]No minority breakdown except "foreign student" given by these schools.

TABLE IVD; FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN Ph.D. PROGRAMS[a]

PHARMACOLOGY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific, U. of the	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Colorado, U. of	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Connecticut, U. of	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2
Florida, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U.	0	0	1	0	0	0	0	0	0	0	4	0	5	0	5
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri-Kansas City U. of	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Rutgers U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

State U. of N.Y. at Buffalo	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Ohio State U.	1	0	0	0	0	0	1	1	0	0	0	2	2	3	5
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma, U. of	0	0	0	0	0	0	1	1	0	0	3	0	4	1	5
Oreon State U.[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee, U. of	0	1	0	0	0	0	0	0	0	0	2	0	2	1	3
Houston, U. of	0	1	0	0	0	0	2	0	0	0	1	1	3	2	5
Texas at Austin, U. of	0	0	2	0	0	0	0	0	0	1	1	0	3	1	4
Utah, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	1	0	0	0	0	0	0	1	0	0	0	0	1	1	2
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin-Madison, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
TOTALS	3	2	3	0	0	0	5	5	1	1	26	13	38	21	59

[a]The areas included in each general category are listed in Figure 1.

[b]No minority breakdown except "foreign student" given by these schools.

TABLE IVE: FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN Ph.D. PROGRAMS[a]

PHARMACY ADMINISTRATION

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U.	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3

Mississippi, U. of	0	1	0	0	0	0	0	0	0	0	1	0	1	1	2
Missouri-Kansas City, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers, U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
State U. of N.Y. at Buffalo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma, U. of[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State U.[b]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Houston, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington State U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Virginia U.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin-Madison, U. of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	0	2	0	0	0	0	0	0	0	0	6	1	6	3	9

[a]The areas included in each general category are listed in Figure 1.

[b]No minority breakdown except "foreign student" given by these schools.

TABLE IVF: FALL 1982 MINORITY FULL-TIME GRADUATE ENROLLMENT IN Ph.D. PROGRAMS

SUMMARY

	Black American		Hispanic American		American Indian		Asian American		Other American		Foreign		Total Males	Total Females	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Pharmacy	2	1	3	3	0	0	16	7	3	0	139	57	163	68	231
Pharmaceutical Chemistry	2	1	3	1	0	0	6	6	1	0	90	39	102	47	149
Pharmacognosy	0	0	0	0	0	0	0	0	0	0	28	12	28	12	40
Pharmacology	3	2	3	0	0	0	5	5	1	1	26	13	38	21	59
Pharmacy Administration	0	2	0	0	0	0	0	0	0	0	6	1	6	3	9
TOTALS	7	6	9	4	0	0	27	18	5	1	289	122	337	151	488

TABLE V: FALL 1982 PART-TIME ENROLLMENTS IN GRADUATE PROGRAMS

Schools & Colleges by State	M.S.	Ph.D.	TOTAL
Auburn U.	2	0	2
Arizona, U. of	9	0	9
Arkansas, U. of	9	0	9
Pacific, U. of	8	3	11
Florida A&M U.	1	0	1
Idaho State U.	2	0	2
Illinois, U. of	5	1	6
Butler U.	14	0	14
Purdue U.	0	4	4
Kansas, U. of	1	0	1
Northeast Louisiana U.	2	4	6
Maryland, U. of	8	20	28
Massachusetts Coll. of Pharmacy	20	0	20
Northeastern U.	138	0	138
Michigan, U. of	0	1	1
Wayne State U.	42	1	43
Minnesota, U. of	1	3	4
Mississippi, U. of	7	14	21
Missouri-KC, U. of	22	10	32
Nebraska, U. of	6	5	11
Rutgers U.	23	23	46
Arnold & Marie Schwartz, LIU	109	0	109
St. John's U.	139	56	195
State U. of N.Y. at Buffalo	2	9	11
North Carolina, U. of	3	1	4
Ohio State U.	2	2	4
Cincinnati, U. of	6	3	9
Toledo, U. of	1	0	1
Oklahoma, U. of	1	0	1
Oregon State U.	2	1	3
Duquesne U.	21	3	24
Philadelphia Coll. of Pharmacy	2	2	4
Temple U.	21	11	32
Pittsburgh, U. of	1	2	3
Rhode Island, U. of	3	1	4
South Carolina, U. of	15	0	15
Tennessee, U. of	1	0	1
Houston, U. of	1	0	1
Texas at Austin, U. of	0	1	1
Utah, U. of	3	0	3
Virginia Commonwealth U.	2	3	5
Wisconsin, U. of	1	1	2
TOTALS	656	185	841

TABLE VI: FALL 1982 GRADUATE PART-TIME ENROLLMENTS BY DISCIPLINE[a]

Schools & Colleges by State	Pharm.	PhChem.	Phcog.	Phcol.	PhAdm.	Hosp.Ph.	TOTAL
Auburn U.	0	0	0	1	0	1	2
Arizona, U. of	2	0	0	3	4	0	9
Arkansas, U. of	0	6	0	0	0	3	9
Pacific, U. of	3	3	0	5	0	0	11
Florida A&M U.	0	0	0	1	0	0	1
Idaho State U.	0	0	0	2	0	0	2
Illinois, U. of	6	0	0	0	0	0	6
Butler U.	0	1	0	4	0	9	14
Purdue U.	1	1	0	2	0	0	4
Kansas, U. of	0	0	0	0	0	1	1
Northeast Louisiana U.	0	1	0	3	1	1	6
Maryland, U. of	11	3	1	8	0	5	28
Massachusetts Coll. of Pharmacy	0	0	0	9	10	1	20
Northeastern U.	0	53	0	45	0	40	138
Michigan, U. of	0	1	0	0	0	0	1
Wayne State U.	3	0	0	0	6	34	43
Minnesota, U. of	2	0	0	0	2	0	4
Mississippi, U. of	2	8	1	4	6	0	21
Missouri-KC, U. of	6	13	0	7	6	0	32
Nebraska, U. of	1	8	0	2	0	0	11
Rutgers U.	28	4	5	9	0	0	46
Arnold & Marie Schwartz, LIU	72	0	0	0	23	14	109
St. John's U.	80	8	0	83	24	0	195
State U. of N.Y. at Buffalo	8	3	0	0	0	0	11
North Carolina, U. of	2	0	0	0	0	2	4
Ohio State U.	1	0	1	0	2	0	4
Cincinnati, U. of	6	1	0	1	1	0	9
Toledo, U. of	0	0	0	0	0	1	1
Oklahoma, U. of	0	0	0	0	0	1	1
Oregon State U.	0	0	0	1	0	2	3
Duquesne U.	10	9	0	5	0	0	24
Philadelphia Coll. of Pharmacy	3	0	1	0	0	0	4
Temple U.	14	5	0	5	0	8	32
Pittsburgh, U. of	1	0	0	2	0	0	3
Rhode Island, U. of	1	1	0	1	1	0	4
South Carolina, U. of	0	1	0	0	7	7	15
Tennessee, U. of	0	0	1	0	0	0	1
Houston, U. of	1	0	0	0	0	0	1
Texas at Austin, U. of	1	0	0	0	0	0	1
Utah, U. of	0	0	0	0	3	0	3
Virginia Commonwealth U.	2	0	0	0	3	0	5
Wisconsin, U. of	0	0	0	0	1	1	2
TOTALS	267	130	10	203	100	131	841

[a] The areas included in each general category are listed in Figure 1.

TABLE VII: PREVIOUS DEGREES OF FULL- AND PART-TIME GRADUATE STUDENTS, FALL 1982

M.S. STUDENTS	Full-Time			Part-Time		
	American	Canadian	Foreign	American	Canadian	Foreign
Pharmacy degree from school now attending	149	0	8	214	0	2
Pharmacy degree from other U.S. school	121	0	13	118	0	4
Pharmacy degree from foreign school	8	1	180	47	1	38
Non-pharmacy degree from U.S. school	218	0	22	207	0	8
Non-pharmacy degree from foreign school	2	2	34	9	0	7
TOTALS	498	3	257	595	1	59
Ph.D. STUDENTS						
Pharmacy degree from school now attending	164	0	22	33	0	2
Pharmacy degree from other U.S. school	210	0	32	20	0	1
Pharmacy degree from foreign school	16	5	250	14	1	8
Non-pharmacy degree from U.S. school	504	0	36	91	0	4
Non-pharmacy degree from foreign school	8	2	67	2	0	9
TOTALS	902	7	407	160	1	24

TABLE VIII: FALL 1982 GEOGRAPHIC ORIGIN OF FULL-TIME GRADUATE STUDENTS

Schools & Colleges by State	Own State	Other State	Canada	Foreign Country	Total
Auburn U.	3	4	0	4	11
Arizona, U. of	30	19	0	4	53
Arkansas Medical Center, U. of	7	0	0	0	7
California, U. of	39	15	1	15	70
Pacific, U. of the	5	3	0	12	20
Southern California, U. of	20	3	0	22	45
Colorado, U. of	18	0	0	2	20
Connecticut, U. of	9	60	0	23	92
Florida A&M U.	11	2	0	2	15
Florida, U. of	33	4	0	9	46
Georgia, U. of	21	4	1	17	43
Idaho State U.	5	2	0	1	8
Illinois, U. of	24	8	1	30	63
Butler U.	0	1	0	0	1
Purdue U.	32	59	0	25	116
Iowa, U. of	22	22	0	21	65
Kansas, U. of	18	59	1	32	110
Kentucky, U. of	4	19	0	24	47
Northeast Louisiana U.	8	3	0	8	19
Maryland, U. of	13	14	0	5	32
Massachusetts College of Pharmacy	11	7	0	16	34
Northeastern U.	15	10	0	20	45
Michigan, U. of	11	15	0	26	52
Wayne State U.	4	0	0	8	12
Minnesota, U. of	25	36	1	29	91
Mississippi, U. of	20	17	0	10	47
Missouri-Kansas City, U. of	9	2	0	6	17
Montana, U. of	0	0	0	2	2
Nebraska, U. of	11	1	0	0	12
Rutgers U.	30	3	0	4	37
Arnold & Marie Schwartz, LIU	8	0	0	15	23
St. John's U.	10	1	0	0	11
State U. of New York at Buffalo	25	12	1	13	151
North Carolina, U. of	13	24	0	7	44
North Dakota State U.	3	2	1	4	10
Ohio State	24	29	1	33	87
Cincinnati, U. of	7	0	0	9	16
Toledo, U. of	18	3	0	5	26
Oklahoma, U. of	10	3	0	12	25
Oregon State U.	6	11	0	12	29
Duquesne U.	10	0	0	1	11
Philadelphia College of Pharmacy	19	12	0	8	39
Temple U.	29	1	0	1	31
Pittsburgh, U. of	18	1	0	21	40
Rhode Island, U. of	7	10	0	12	29
South Carolina, U. of	2	4	0	3	9
Tennessee, U. of	17	3	0	3	23
Houston, U. of	15	7	0	24	46
Texas at Austin, U. of	21	6	0	16	43
Utah, U. of	8	13	0	0	21
Virginia Commonwealth U.	8	8	0	4	20
Washington, U. of	17	21	1	4	43
Washington State U.	5	9	0	10	24
West Virginia U.	5	3	0	8	16
Wisconsin-Madison, U. of	0	0	1	0	1
TOTALS	763	575	10	602	1950

TABLE IX: STATE OF RESIDENCE OF AMERICAN GRADUATE STUDENTS BY DEGREE, FALL 1982

	Full-Time			Part-Time			TOTALS		
	M.S.	Ph.D.	Total	M.S.	Ph.D.	Total	M.S.	Ph.D.	Total
Alabama	5	3	8	1	3	4	6	6	12
Arizona	21	12	33	6	0	6	27	12	39
Arkansas	7	2	9	10	2	12	17	4	21
California	16	77	93	6	2	8	22	79	101
Colorado	11	12	23	0	0	0	11	12	23
Connecticut	6	23	29	7	1	8	13	24	37
Delaware	1	2	3	0	1	1	1	3	4
District of Columbia	0	3	3	1	0	1	1	3	4
Florida	24	35	59	1	0	1	25	35	60
Georgia	16	9	25	0	0	0	16	9	25
Guam	1	0	1	0	0	0	1	0	1
Hawaii	1	0	1	1	0	1	2	0	2
Idaho	7	6	13	2	0	2	9	6	15
Illinois	15	57	72	3	1	4	18	58	76
Indiana	8	39	47	13	2	15	21	41	62
Iowa	12	16	28	2	0	2	14	16	30
Kansas	9	15	24	4	3	7	13	18	31
Kentucky	0	9	9	0	0	0	0	9	9
Louisiana	1	7	8	2	2	4	3	9	12
Maine	1	3	4	0	0	0	1	3	4
Maryland	10	18	28	5	10	15	15	28	43
Massachusetts	30	24	54	137	1	138	167	25	192
Michigan	13	36	49	41	2	43	54	38	92
Minnesota	10	31	41	1	2	3	11	33	44
Mississippi	10	14	24	5	7	12	15	21	36
Missouri	8	15	23	16	6	22	24	21	45
Montana	2	2	4	0	0	0	2	2	4
Nebraska	4	13	17	6	4	10	10	17	27
Nevada	0	2	2	0	0	0	0	2	2
New Hampshire	0	2	2	4	0	4	4	2	6
New Jersey	14	50	64	56	31	87	70	81	151
New Mexico	4	3	7	1	0	1	5	3	8
New York	29	68	97	185	49	234	214	117	331
North Carolina	15	7	22	3	1	4	18	8	26
North Dakota	2	3	5	0	0	0	2	3	5
Ohio	38	36	74	9	5	14	47	41	88
Oklahoma	7	9	16	1	1	2	8	10	18
Oregon	5	6	11	2	1	3	7	7	14
Pennsylvania	55	63	118	34	15	49	89	78	167
Rhode Island	8	3	11	6	0	6	14	3	17
South Carolina	3	2	5	14	1	15	17	3	20
South Dakota	3	1	4	1	0	1	4	1	5
Tennessee	7	13	20	2	2	4	9	15	24
Texas	21	26	47	1	1	2	22	27	49
Utah	4	8	12	2	1	3	6	9	15
Vermont	0	1	1	0	0	0	0	1	1
Virginia	4	10	14	2	1	3	6	11	17
Virgin Islands (U.S.)	1	0	1	0	0	0	1	0	1
Washington	2	28	30	0	0	0	2	28	30
West Virginia	3	4	7	0	0	0	3	4	7
Wisconsin	11	38	49	0	2	2	11	40	51
Puerto Rico	7	9	16	1	1	2	8	10	18
TOTALS	492	875	1367	594	161	755	1086	1036	2122

TABLE X: ENROLLMENT OF AMERICAN FULL-TIME GRADUATE STUDENTS BY STATE OF RESIDENCE, FALL 1982

ALABAMA (3 + 5 = 8)
- Auburn U. 3
- Kansas, U. of 1
- Mississippi, U. of 2
- Ohio State U. 1
- Virginia Commonwealth U. 1

ARIZONA (30 + 3 = 33)
- Arizona, U. of 30
- Auburn U. 1
- Purdue U. 1
- Mississippi, U. of 1

ARKANSAS (7 + 2 = 9)
- Arkansas, U. of 7
- Pacific, U. of 1
- Minnesota, U. of 1

CALIFORNIA (64 + 29 = 93)
- California, U. of 39
- Pacific, U. of 5
- Southern California, U. of 20
- Arizona, U. of 3
- Illinois, U. of 2
- Purdue U. 2
- Kansas, U. of 2
- Mass. Coll. of Pharmacy 2
- Northeastern U. 1
- Michigan, U. of 2
- Minnesota, U. of 1
- North Carolina, U. of 1
- Oregon State U. 3
- Houston, U. of 1
- Utah, U. of 2
- Washington, U. of 3
- Washington State U. 2
- Wisconsin, U. of 2

COLORADO (18 + 5 = 23)
- Colorado, U. of 18
- Southern California, U. of 1
- Kansas, U. of 1
- Minnesota, U. of 1
- Washington, U. of 2

CONNECTICUT (9 + 20 = 29)
- Connecticut, U. of 9
- Arizona, U. of 1
- California, U. of 1
- Pacific, U. of 1
- Georgia, U. of 1
- Purdue U. 3
- Northeastern U. 1
- Minnesota, U. of 1
- St. John's U. 1
- State U. of N.Y. at Buffalo 1
- Ohio State U. 2
- Oregon State U. 1
- Rhode Island, U. of 2
- Texas at Austin, U. of 1
- West Virginia U. 1
- Wisconsin, U. of 2

DELAWARE (0 + 3 = 3)
- Maryland, U. of 1
- North Carolina, U. of 1
- Temple U. 1

DISTRICT OF COLUMBIA (0 + 3 = 3)
- Connecticut, U. of 1
- Maryland, U. of 1
- Minnesota, U. of 1

FLORIDA (44 + 16 = 60)
- Florida A&M U. 11
- Florida, U. of 33
- Auburn U. 1
- Arizona, U. of 1
- Illinois, U. of 2
- Purdue U. 1
- Kansas, U. of 1
- Kentucky, U. of 2
- Michigan, U. of 1
- Minnesota, U. of 1
- Nebraska, U. of 1
- North Carolina, U. of 1
- South Carolina, U. of 2
- Houston, U. of 1
- Texas at Austin, U. of 1

GEORGIA (21 + 5 = 26)
- Georgia, U. of 21
- Southern California, U. of 1
- Kansas, U. of 1
- Mississippi, U. of 1
- State U. of N.Y. at Buffalo 1
- North Carolina, U. of 1

GUAM (0 + 1 = 1)
- Illinois, U. of 1

HAWAII (0 + 1 = 1)
- Connecticut, U. of 1

IDAHO (5 + 8 = 13)
- Idaho State U. 5
- Purdue U. 1
- Oregon State U. 1
- Washington, U. of 1
- Washington State U. 5

ILLINOIS (24 + 48 = 72)
- Illinois, U. of 24
- Arizona, U. of 1
- California, U. of 3
- Connecticut, U. of 1
- Purdue U. 8
- Iowa, U. of 7
- Kansas, U. of 6
- Kentucky, U. of 1
- Michigan, U. of 5
- Mississippi, U. of 2
- Missouri-KC, U. of 1
- State U. of N.Y. at Buffalo 1
- North Carolina, U. of 1
- Ohio State U. 2
- Oregon State U. 1
- Tennessee, U. of 1
- Utah, U. of 2
- Washington, U. of 1
- Wisconsin, U. of 4

INDIANA (32 + 16 = 48)
- Purdue U. 32
- Illinois, U. of 1
- Kansas, U. of 3
- Kentucky, U. of 2
- Mississippi, U. of 1
- State U. of N.Y. at Buffalo 1
- Ohio State U. 3
- Toledo, U. of 1
- Texas at Austin, U. of 1
- Washington, U. of 1
- Wisconsin, U. of 2

IOWA (22 + 6 = 28)
- Iowa, U. of 22
- Purdue U. 1
- Kansas, U. of 1
- Minnesota, U. of 3
- North Carolina, U. of 1

KANSAS (18 + 6 = 24)
- Kansas, U. of 18
- California, U. of 1
- Minnesota, U. of 1
- Missouri-KC, U. of 1
- Houston, U. of 2
- Wisconsin, U. of 1

KENTUCKY (4 + 5 = 9)
- Kentucky, U. of 4
- Northeast Louisiana U. 1
- Ohio State U. 4

LOUISIANA (8 + 0 = 8)
- Northeast Louisiana U. 8

MAINE (0 + 4 = 4)
- Purdue U. 1
- Northeast Louisiana 1
- Rhode Island, U. of 1
- Utah, U. of 1

MARYLAND (13 + 16 = 29)
- Maryland, U. of 13
- Auburn U. 1
- Connecticut, U. of 1
- Purdue U. 1
- Kansas, U. of 1
- Mass. Coll. of Pharmacy 1
- Northeastern U. 1
- Michigan, U. of 1
- Minnesota, U. of 2
- Mississippi, U. of 1
- State U. of N.Y. at Buffalo 1
- North Carolina, U. of 1
- Ohio State U. 1
- Virginia Commonwealth U. 2
- Wisconsin, U. of 1

MASSACHUSETTS (26 + 28 = 54)
- Mass. Coll. of Pharmacy 11
- Northeastern U. 15
- Connecticut, U. of 6
- Georgia, U. of 1
- Purdue U. 1
- Kansas, U. of 1
- Kentucky, U. of 1
- Maryland, U. of 1
- Michigan, U. of 1
- Minnesota, U. of 3
- Ohio State U. 3
- Oregon State U. 1
- Phila. Coll. of Pharmacy 1
- Rhode Island, U. of 5
- Houston, U. of 1
- Texas at Austin, U. of 1
- Wisconsin, U. of 1

MICHIGAN (15 + 34 = 49)
- Michigan, U. of 11
- Wayne State U. 4
- Connecticut, U. of 1
- Purdue U. 4
- Iowa, U. of 3
- Kansas, U. of 5

MICHIGAN - continued

Kentucky, U. of	2
Maryland, U. of	1
State U. of N.Y. at Buffalo	1
North Carolina, U. of	1
Ohio State U.	3
Toledo, U. of	2
Oregon State U.	1
Phila. Coll. of Pharmacy	1
Utah, U. of	2
Washington, U. of	2
Wisconsin, U. of	5

MINNESOTA (25 + 16 = 41)

Minnesota, U. of	25
California, U. of	2
Southern California, U. of	1
Connecticut, U. of	1
Iowa, U. of	1
Kansas, U. of	2
Michigan, U. of	1
North Carolina, U. of	1
North Dakota State U.	2
Washington, U. of	3
Wisconsin, U. of	2

MISSISSIPPI (20 + 4 = 24)

Mississippi, U. of	20
Florida, U. of	1
Purdue U.	1
Iowa, U. of	1
Northeast Louisiana U.	1

MISSOURI (9 + 14 = 23)

Missouri-KC, U. of	9
Iowa, U. of	2
Kansas, U. of	7
Mississippi, U. of	3
Ohio State U.	1
Tennessee, U. of	1

MONTANA (0 + 4 = 4)

California, U. of	1
Minnesota, U. of	2
Washington, U. of	1

NEBRASKA (11 + 6 = 17)

Nebraska, U. of	11
Iowa, U. of	1
Kansas, U. of	1
Minnesota, U. of	1
Ohio State U.	2
Wisconsin, U. of	1

NEVADA (0 + 2 = 2)

Kentucky, U. of	1
Washington State U.	1

NEW HAMPSHIRE (0 + 2 = 2)

Kansas, U. of	1
Northeastern U.	1

NEW JERSEY (30 + 40 = 70)

Rutgers U.	30
Arizona, U. of	1
California, U. of	1
Connecticut, U. of	1
Purdue U.	1
Iowa, U. of	2
Kansas, U. of	1
Maryland, U. of	1
Mass. Coll. of Pharmacy	1
Northeastern U.	1
Minnesota, U. of	2

NEW JERSEY - continued

State U. of N.Y. at Buffalo	2
North Carolina, U. of	2
Ohio State U.	1
Oklahoma, U. of	1
Phila. Coll. of Pharmacy	8
Temple U.	6
Pittsburgh, U. of	1
Rhode Island, U. of	1
South Carolina, U. of	1
Texas at Austin, U. of	1
Utah, U. of	2
Virginia Commonwealth U.	2

NEW MEXICO (0 + 7 = 7)

Arizona, U. of	1
Connecticut, U. of	2
Purdue U.	1
Kansas, U. of	1
North Carolina, U. of	1
Ohio State U.	1

NEW YORK (43 + 53 = 96)

Arnold & Marie Schwartz, LIU	8
St. John's U.	10
State U. of N.Y. at Buffalo	25
Arizona, U. of	3
Connecticut, U. of	7
Florida A&M U.	1
Idaho State U.	2
Purdue U.	10
Kansas, U. of	7
Kentucky, U. of	2
Maryland, U. of	2
Northeastern U.	2
Michigan, U. of	1
Minnesota, U. of	1
Mississippi, U. of	1
Rutgers U.	2
North Carolina, U. of	2
Ohio State U.	1
Phila. Coll. of Pharmacy	2
Utah, U. of	1
Virginia Commonwealth U.	1
Washington, U. of	1
West Virginia U.	1
Wisconsin, U. of	3

NORTH CAROLINA (18 + 4 = 22)

North Carolina, U. of	18
Georgia, U. of	1
Purdue U.	1
Kansas, U. of	1
Maryland, U. of	1

NORTH DAKOTA (3 + 2 = 5)

North Dakota State U.	3
Iowa, U. of	1
Oklahoma, U. of	1

OHIO (49 + 25 = 74)

Ohio State U.	24
Cincinnati, U. of	7
Toledo, U. of	18
Connecticut, U. of	2
Florida, U. of	1
Georgia, U. of	1
Illinois, U. of	1
Purdue U.	7
Kansas, U. of	2
Kentucky, U. of	1
Northeastern U.	1
Michigan, U. of	1
Mississippi, U. of	2

OHIO - continued

Utah, U. of	1
Washington, U. of	1
Washington State U.	1
Wisconsin, U. of	3

OKLAHOMA (10 + 6 = 16)

Oklahoma, U. of	10
Arizona, U. of	1
California, U. of	1
Purdue U.	1
Kentucky, U. of	1
Northeast Louisiana U.	1
Minnesota, U. of	1

OREGON (6 + 6 = 12)

Oregon State U.	6
Kansas, U. of	1
Kentucky, U. of	2
Washington, U. of	2
Wisconsin, U. of	1

PENNSYLVANIA (78 + 44 = 122)

Duquesne U.	10
Phila. Coll. of Pharmacy	19
Temple U.	29
Pittsburgh, U. of	20
Arizona, U. of	2
California, U. of	1
Pacific, U. of	1
Connecticut, U. of	3
Illinois, U. of	1
Purdue U.	4
Iowa, U. of	1
Kansas, U. of	3
Kentucky, U. of	3
Maryland, U. of	4
Michigan, U. of	1
Minnesota, U. of	1
Rutgers U.	1
North Carolina, U. of	2
Ohio State U.	3
Rhode Island, U. of	3
South Carolina, U. of	1
Tennessee, U. of	1
Houston, U. of	1
Utah, U. of	2
Virginia Commonwealth U.	2
West Virginia U.	1
Wisconsin, U. of	2

RHODE ISLAND (7 + 5 = 12)

Rhode Island, U. of	7
Connecticut, U. of	1
Butler U.	1
Kansas, U. of	1
Mass. Coll. of Pharmacy	1
Michigan, U. of	1

SOUTH CAROLINA (2 + 3 = 5)

South Carolina, U. of	2
Florida, U. of	1
North Carolina, U. of	1
Oregon State U.	1

SOUTH DAKOTA (0 + 5 = 5)

Kansas, U. of	1
Minnesota, U. of	3
North Carolina, U. of	1

TENNESSEE (17 + 4 = 21)

Tennessee, U. of	17
Northeast Louisiana U.	1
Mississippi, U. of	3

TEXAS (36 + 11 = 42)

Houston, U. of	15
Texas at Austin, U. of	21
Auburn U.	1
Arizona, U. of	1
Florida A&M U.	1
Purdue U.	1
Kansas, U. of	2
Kentucky, U. of	1
Maryland, U. of	1
State U. of N.Y. at Buffalo	1
Oklahoma, U. of	1
Washington, U. of	1

UTAH (8 + 4 = 12)

Utah, U. of	8
California, U. of	2
Ohio State U.	1
Washington, U. of	1

VERMONT (0 + 1 = 1)

Northeastern U.	1

VIRGINIA (8 + 6 = 14)

Virginia Commonwealth U.	8
Iowa, U. of	1
Kansas, U. of	2
Minnesota, U. of	1
North Carolina, U. of	1
Oregon State U.	1

VIRGIN ISLANDS (0 + 1 = 1)

Purdue U.	1

WASHINGTON (22 + 8 = 30)

Washington, U. of	17
Washington State U.	5
Arizona, U. of	1
Iowa, U. of	1
Kansas, U. of	1
Minnesota, U. of	2
State U. of N.Y. at Buffalo	1
Oregon State U.	1
Wisconsin, U. of	1

WEST VIRGINIA (5 + 2 = 7)

West Virginia U.	5
Kansas, U. of	1
Washington, U. of	1

WISCONSIN (32 + 17 = 49)

Wisconsin, U. of	32
Arizona, U. of	2
California, U. of	2
Kansas, U. of	5
Minnesota, U. of	8

PUERTO RICO (0 + 16 = 16

Florida, U. of	1
Purdue U.	7
Iowa, U. of	1
Mass. Coll. of Pharmacy	2
Mississippi, U. of	1
State U. of N.Y. at Buffalo	2
Texas at Austin, U. of	1
Wisconsin, U. of	1

TABLE XI: FALL 1982 COUNTRY OF ORIGIN OF FOREIGN FULL-TIME GRADUATE STUDENTS

Country	Male	Female	Total
Algeria	1	0	1
Australia	1	1	2
Bangladesh	10	3	13
Barbados	1	0	1
Brazil	2	4	6
Cameroon	4	0	4
Canada			
British Columbia	1	0	1
Manitoba	1	1	2
New Brunswick	1	0	1
Nova Scotia	0	2	2
Ontario	1	0	1
Quebec	2	1	3
Columbia	1	0	1
Costa Rica	1	0	1
Cyprus	1	0	1
Denmark	1	0	1
Ecuador	1	0	1
Egypt	29	14	43
Ethiopia	1	0	1
Fiji	1	0	1
France	2	0	2
Germany	1	0	1
Ghana	5	1	6
Great Britain	5	0	5
Greece	2	2	4
Grenada	1	0	1
Guyana	1	0	1
Hong Kong	24	5	29
Honduras	0	3	3
India	109	15	124
Indonesia	4	5	9
Iran	6	5	11
Iraq	15	8	23
Ireland	1	0	1
Israel	1	0	1
Japan	9	2	11
Jordan	11	4	15
Kenya	3	0	3
Korea	20	9	29
Kuwait	0	2	2
Lebanon	1	3	4
Libya	2	2	4
Malaysia	3	3	6
Mexico	3	1	4
Netherlands	1	0	1
Nigeria	24	9	33
Norway	1	0	1
Pakistan	6	1	7
Panama	6	1	3
Philippines	0	5	5
Poland	0	1	1
Peoples Republic of China	5	0	5
Republic of China	86	68	154
Saudi Arabia	14	1	15
South Africa	1	1	2
Spain	0	2	2
Srilanka	2	0	2
Sudan	1	0	1
Sweden	1	1	2
Syria	3	0	3
Tanzania	2	0	2
Thailand	9	25	34
Turkey	1	1	2
Venezuela	0	6	6
Vietnam	2	0	2
West Germany	1	1	2
Zambia	0	1	1
TOTALS	452	220	672

TABLE XII: CHANGE IN PHARMACY SCHOOL GRADUATE ENROLLMENTS
(FULL- AND PART-TIME)

Academic Year	Schools Reporting Grad. Programs	Total Enrollment	From Preceding Academic Year	From 1970-71 Academic Year
1970-71	58	2029	+ 2.01	-
1971-72	57	2040	+ .54	+ .54
1972-73	56	2030	- .49	+ .05
1973-74	55	2287	+12.66	+12.72
1974-75	50	2273	- .61	+12.02
1975-76	54	2499	+ 9.94	+23.16
1976-77	55	2482	- .68	+22.33
1977-78	55	2651	+ 6.81	+30.66
1978-79	55	2776	+ 4.72	+36.82
1979-80	54	2791	+ .54	+37.55
1980-81	54	2942	+ 5.13	+45.09
1981-82	53	2961	+ .64	+45.93
1982-83	54	2928	- 1.11	+44.31

U. S. COLLEGES OF PHARMACY

Professional degrees awarded: The Bachelor of Science in Pharmacy is awarded by all schools unless otherwise indicated by a single asterisk (*), which notes that the school awards only the Pharm.D. (Doctor of Pharmacy) as the first professional degree. A double asterisk (**) indicates the school offers both the B.S. Pharmacy and the Pharm.D. degrees. Although all schools listed have accredited first professional degree programs, not all Pharm.D. programs have been accredited by the American Council on Pharmaceutical Education. The accreditation status of programs can be obtained by contacting the ACPE, One East Wacker Drive, Chicago, Illinois 60601, (312) 467-6222.

( ) The number in parentheses after the school name indicates the number of years of college study generally required prior to enrolling in the school of pharmacy.

See reverse side for additional information.

ALABAMA
**Auburn University (2)
School of Pharmacy
Auburn University AL 36849

Samford University (2)
School of Pharmacy
800 Lakeshore Drive
Birmingham AL 35229

ARIZONA
**University of Arizona (2)
College of Pharmacy
Tucson AZ 85721

ARKANSAS
**University of Arkansas
for Medical Sciences (2)
College of Pharmacy
4301 West Markham
Little Rock AR 72205

CALIFORNIA
*University of California (2)
School of Pharmacy
San Francisco CA 94143

**University of the Pacific (1)
School of Pharmacy
751 Brookside Road
Stockton CA 95211

*University of Southern
California (2)
School of Pharmacy
1985 Zonal Avenue
Los Angeles CA 90033

COLORADO
University of Colorado (2)
CB297 School of Pharmacy
EKLPW181
Boulder CO 80309

CONNECTICUT
University of Connecticut (0)
School of Pharmacy
Box U-92
Storrs CT 06268

DISTRICT OF COLUMBIA
Howard University (2)
College of Pharmacy and
Pharmacal Sciences
2300 Fourth Street, N. W.
Washington DC 20059

FLORIDA
**Florida Agricultural and
Mechanical University (0)
College of Pharmacy
P. O. Box 367
Tallahassee FL 32307

**University of Florida (2)
College of Pharmacy
J. Hillis Miller Health Center
Gainesville FL 32610

GEORGIA
*Mercer University (2)
Southern School of Pharmacy
345 Boulevard, N. E.
Atlanta GA 30312

**University of Georgia (2)
College of Pharmacy
Athens GA 30602

IDAHO
Idaho State University (1)
College of Pharmacy
Pocatello ID 83209

ILLINOIS
University of Illinois
at Chicago (1)
College of Pharmacy
833 South Wood Street
P. O. Box 6998
Chicago IL 60680

INDIANA
Butler University (2)
College of Pharmacy
46th and Sunset Avenue
Indianapolis IN 46208

**Purdue University (1)
School of Pharmacy and
Pharmacal Sciences
W. Lafayette IN 47907

IOWA
Drake University (0)
College of Pharmacy
28th and Forest
Des Moines IA 50311

**University of Iowa (1)
College of Pharmacy
Iowa City IA 52242

KANSAS
University of Kansas (2)
School of Pharmacy
2056 Malott
Lawrence KS 66044

KENTUCKY
**University of Kentucky (2)
College of Pharmacy
Washington & Gladstone Streets
Lexington KY 40506

LOUISIANA
Northeast Louisiana University (2)
School of Pharmacy
700 University Avenue
Monroe LA 71209

Xavier University of Louisiana (2)
College of Pharmacy
7325 Palmetto Street
New Orleans LA 70125

MARYLAND
**University of Maryland (2)
School of Pharmacy
20 North Pine
Baltimore MD 21201

MASSACHUSETTS
**Massachusetts College of
Pharmacy and Allied
Health Sciences (0)
179 Longwood Avenue
Boston MA 02115

**Northeastern University (0)
College of Pharmacy and
Allied Health Professions
360 Huntington Avenue
Boston MA 02115

MICHIGAN
Ferris State College (2)
School of Pharmacy
901 South State Street
Big Rapids MI 49307

*University of Michigan (2)
College of Pharmacy
Ann Arbor MI 48109

**Wayne State University (0)
College of Pharmacy and
Allied Health Professions
1400 Chrysler Fwy.
Detroit MI 48202

MINNESOTA
**University of Minnesota (2)
College of Pharmacy
308 Harvard Street, S. E.
Minneapolis MN 55455

MISSISSIPPI
University of Mississippi (2)
School of Pharmacy
University MS 38677

MISSOURI
St. Louis College of Pharmacy (0)
4588 Parkview Place
St. Louis MO 63110

University of Missouri-KC (1)
School of Pharmacy
5005 Rockhill Road
Kansas City MO 64110

MONTANA
University of Montana (2)
School of Pharmacy & Allied
Health Sciences
Missoula MT 59812

NEBRASKA
**Creighton University (2)
School of Pharmacy & Allied
Health Professions
California at 24th Street
Omaha NE 68178

*University of Nebraska (2)
College of Pharmacy
42nd & Dewey Avenue
Omaha NE 68105

NEW JERSEY
Rutgers University (0)
The State University of
New Jersey
College of Pharmacy
P. O. Box 789
Piscataway NJ 08854

NEW MEXICO
University of New Mexico (1)
College of Pharmacy
Albuquerque NM 87131

NEW YORK
Arnold & Marie Schwartz College
of Pharmacy & Health Sciences (0)
Long Island University
75 DeKalb Avenue
Brooklyn NY 11201

**St. John's University (0)
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Allied Health Professions
Grand Central & Utopia Pkwys.
Jamaica NY 11439

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Amherst NY 14260

Albany College of Pharmacy
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University of North Carolina
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School of Pharmacy
Beard Hall 200H
Chapel Hill NC 27514

NORTH DAKOTA
North Dakota State University (0)
College of Pharmacy
Fargo ND 58105

OHIO
Ohio Northern University (0)
College of Pharmacy and
Allied Health Sciences
Ada OH 45810

**Ohio State University (1)
College of Pharmacy
500 West 12th Avenue
Columbus OH 43210

**University of Cincinnati (2)
College of Pharmacy
136 Health Professions Bldg.
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University of Toledo (0)
College of Pharmacy
2801 West Bancroft Street
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School of Pharmacy
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P. O. Box 26901
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Oregon State University (2)
School of Pharmacy
Corvallis OR 97331

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**Duquesne University (0)
School of Pharmacy
Pittsburgh PA 15219

**Philadelphia College of Pharmacy
and Science (0)
43rd Street and Kingsessing Mall
Philadelphia PA 19104

Temple University (2)
School of Pharmacy
3307 North Broad Street
Philadelphia PA 19140

University of Pittsburgh (1)
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1103 Salk Hall
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University of Puerto Rico (2)
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GPO Box 5067
San Juan PR 00936

RHODE ISLAND
**University of Rhode Island (0)
College of Pharmacy
Kingston RI 02881

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**Medical University of South
Carolina (2)
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171 Ashley Avenue
Charleston SC 29425

University of South Carolina (1)
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South Dakota State University (1)
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Box 2201
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**University of Tennessee (2)
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College of Pharmacy
Austin TX 78712

UTAH
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A packet of information about pharmacy education and career opportunities is available at no charge by writing the AACP Career Information Office at the above address. Also available at no charge is a listing of graduate programs offered in schools of pharmacy.

Contact AACP for a complete listing of publications available.

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